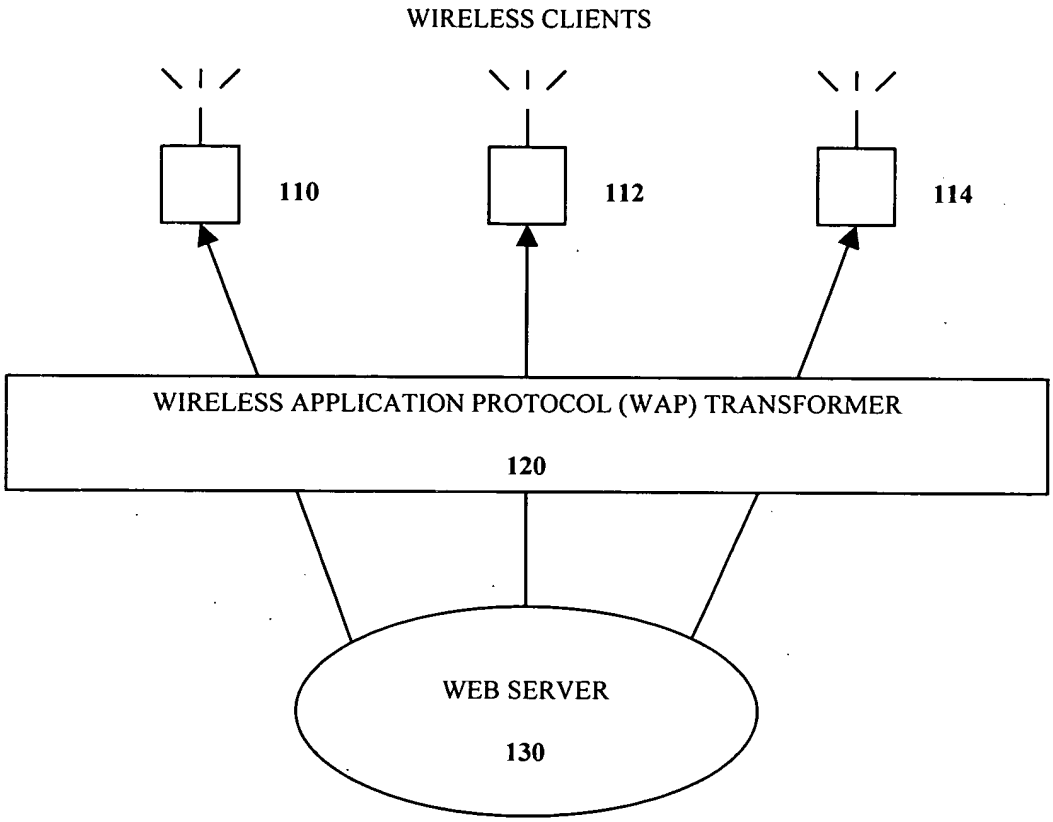


PRIOR ART

FIG. 1

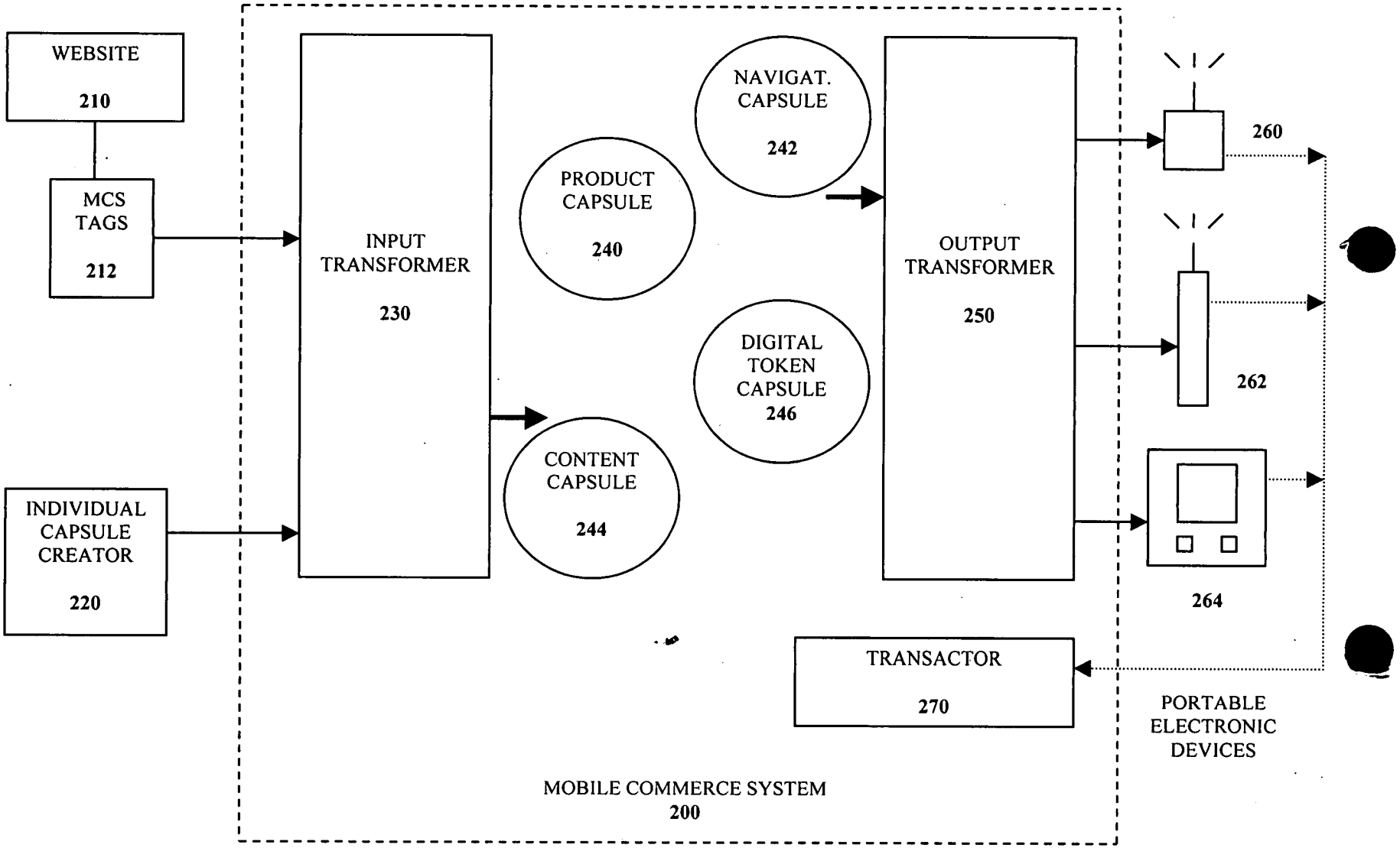

WEBSITE
210
MCS TAGS
212
INDIVIDUAL CAPSULE CREATOR
220
INPUT TRANSFORMER
230
PRODUCT CAPSULE
240
CONTENT CAPSULE
244
NAVIGAT. CAPSULE
242
DIGITAL TOKEN CAPSULE
246
OUTPUT TRANSFORMER
250
TRANSACTOR
270
260
262
264
PORTABLE ELECTRONIC DEVICES
MOBILE COMMERCE SYSTEM
200

FIG. 2

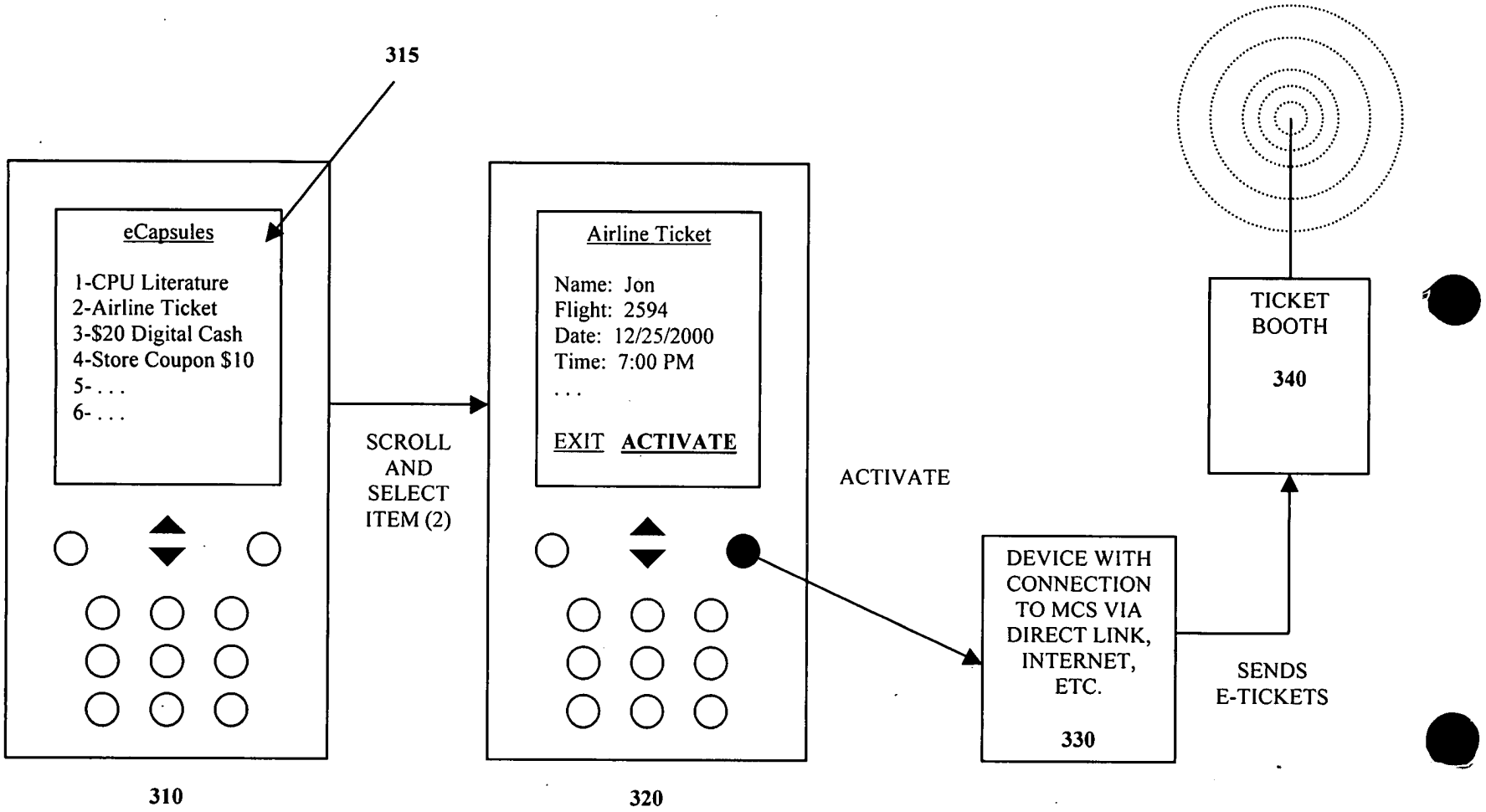

315
eCapsules
1-CPU Literature
2-Airline Ticket
3-$20 Digital Cash
4-Store Coupon $10
5- . . .
6- . . .
SCROLL AND SELECT ITEM (2)
Airline Ticket
Name: Jon
Flight: 2594
Date: 12/25/2000
Time: 7:00 PM
. . .
EXIT ACTIVATE
ACTIVATE
DEVICE WITH CONNECTION TO MCS VIA DIRECT LINK, INTERNET, ETC.
330
SENDS E-TICKETS
TICKET BOOTH
340
310
320

FIG. 3

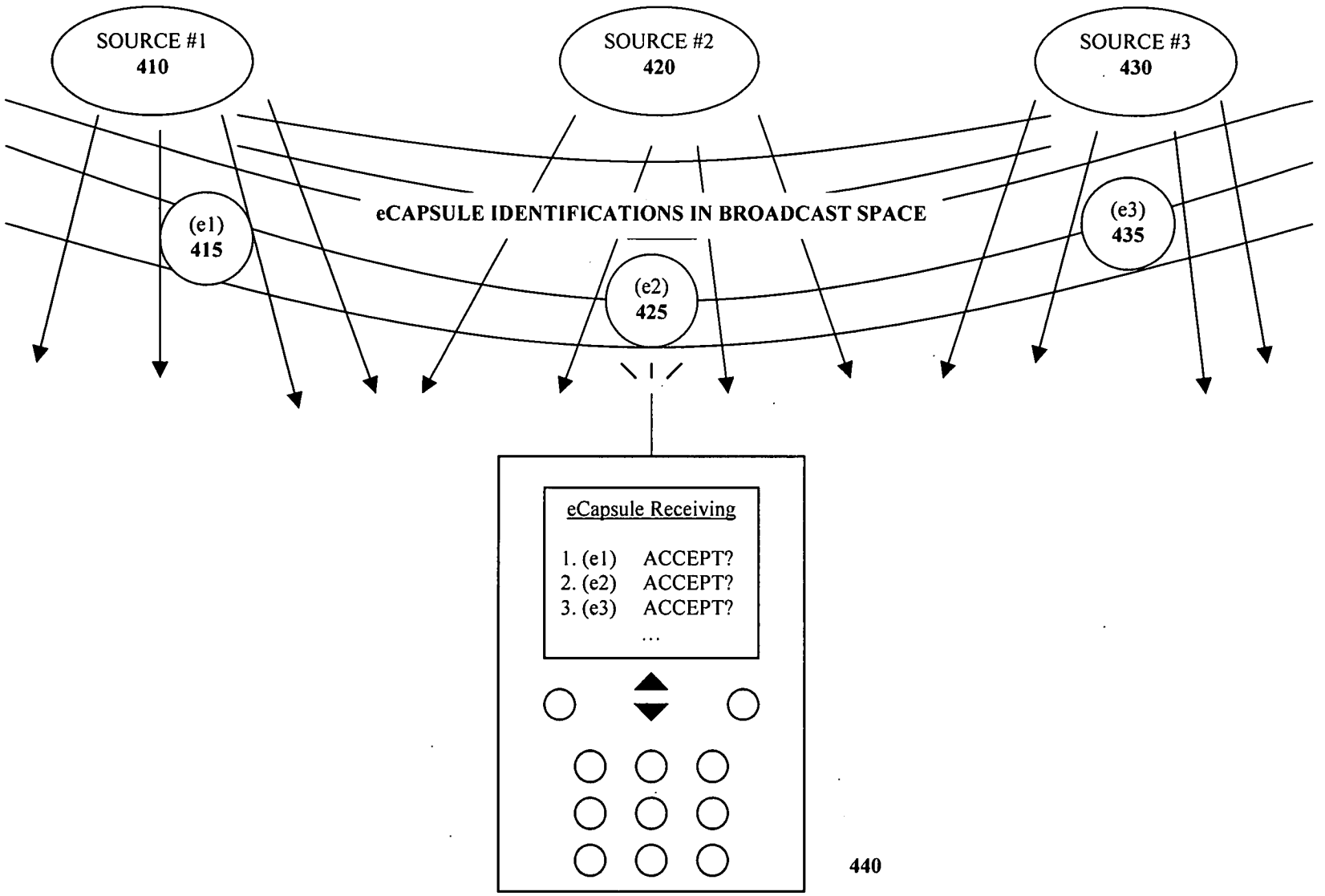

SOURCE #1
410
SOURCE #2
420
SOURCE #3
430
eCAPSULE IDENTIFICATIONS IN BROADCAST SPACE
(e1)
415
(e2)
425
(e3)
435
eCapsule Receiving
1. (e1) ACCEPT?
2. (e2) ACCEPT?
3. (e3) ACCEPT?
...
440

FIG. 4

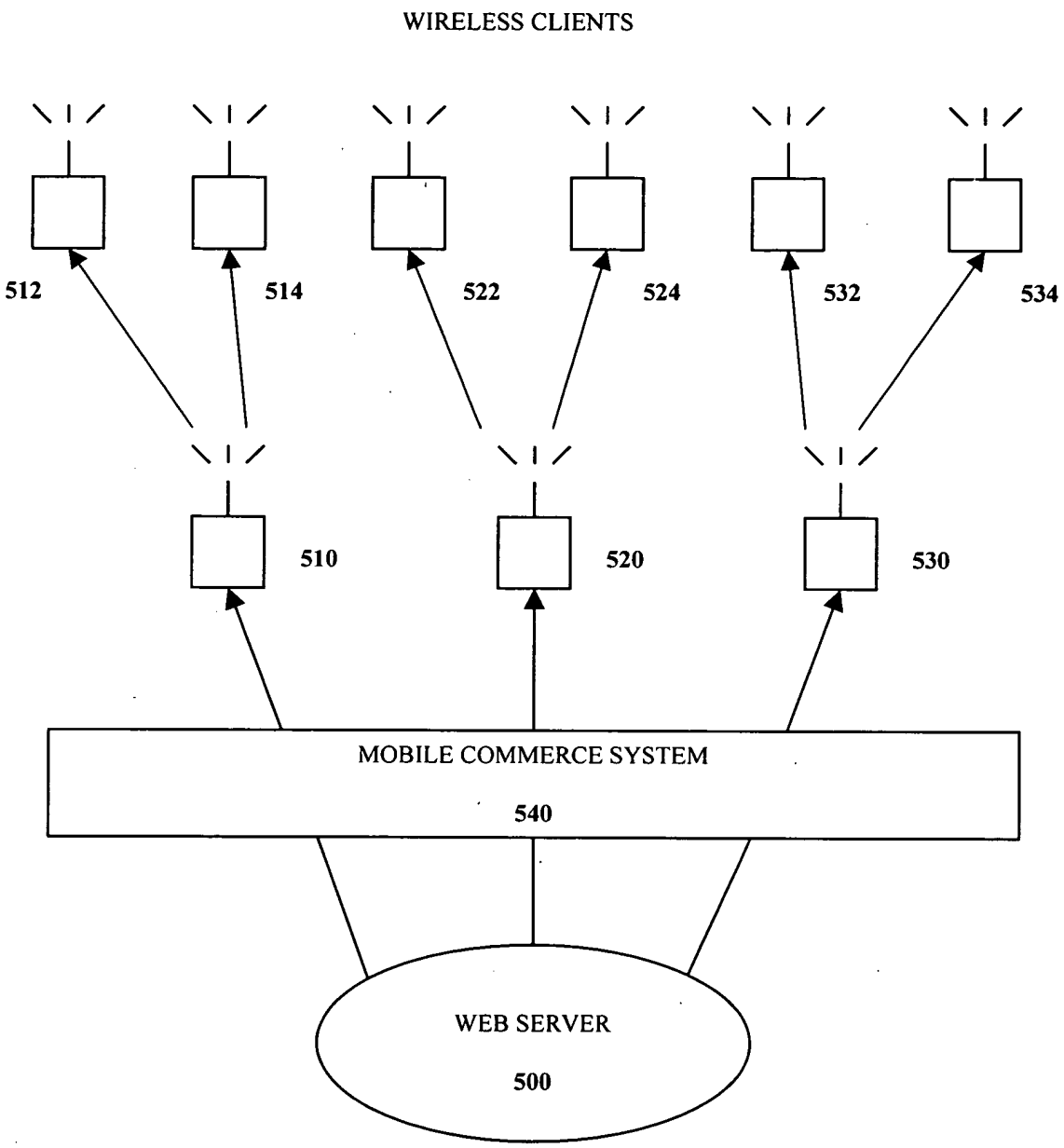

WIRELESS CLIENTS
512
514
522
524
532
534
510
520
530
MOBILE COMMERCE SYSTEM
540
WEB SERVER
500

FIG. 5

600

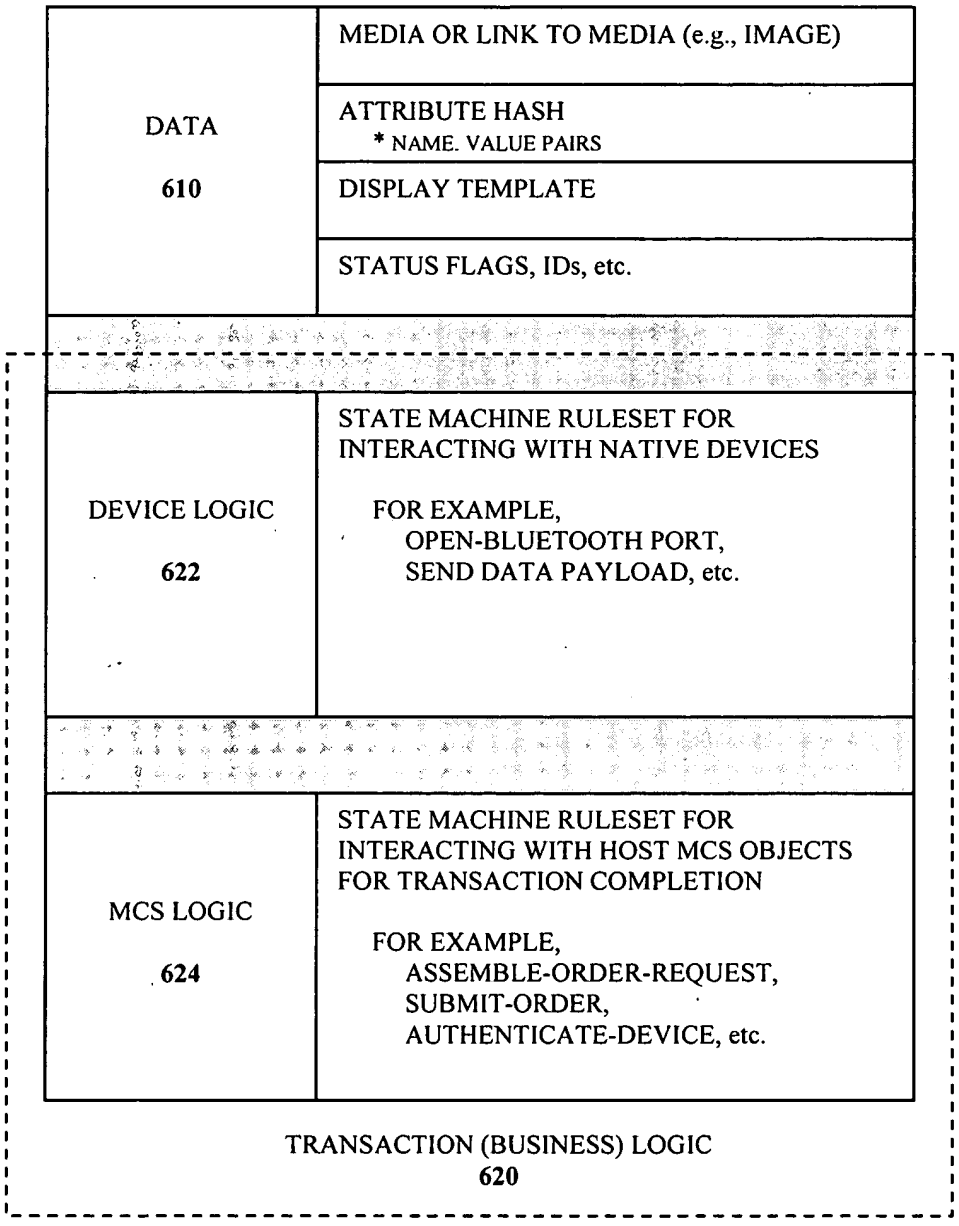
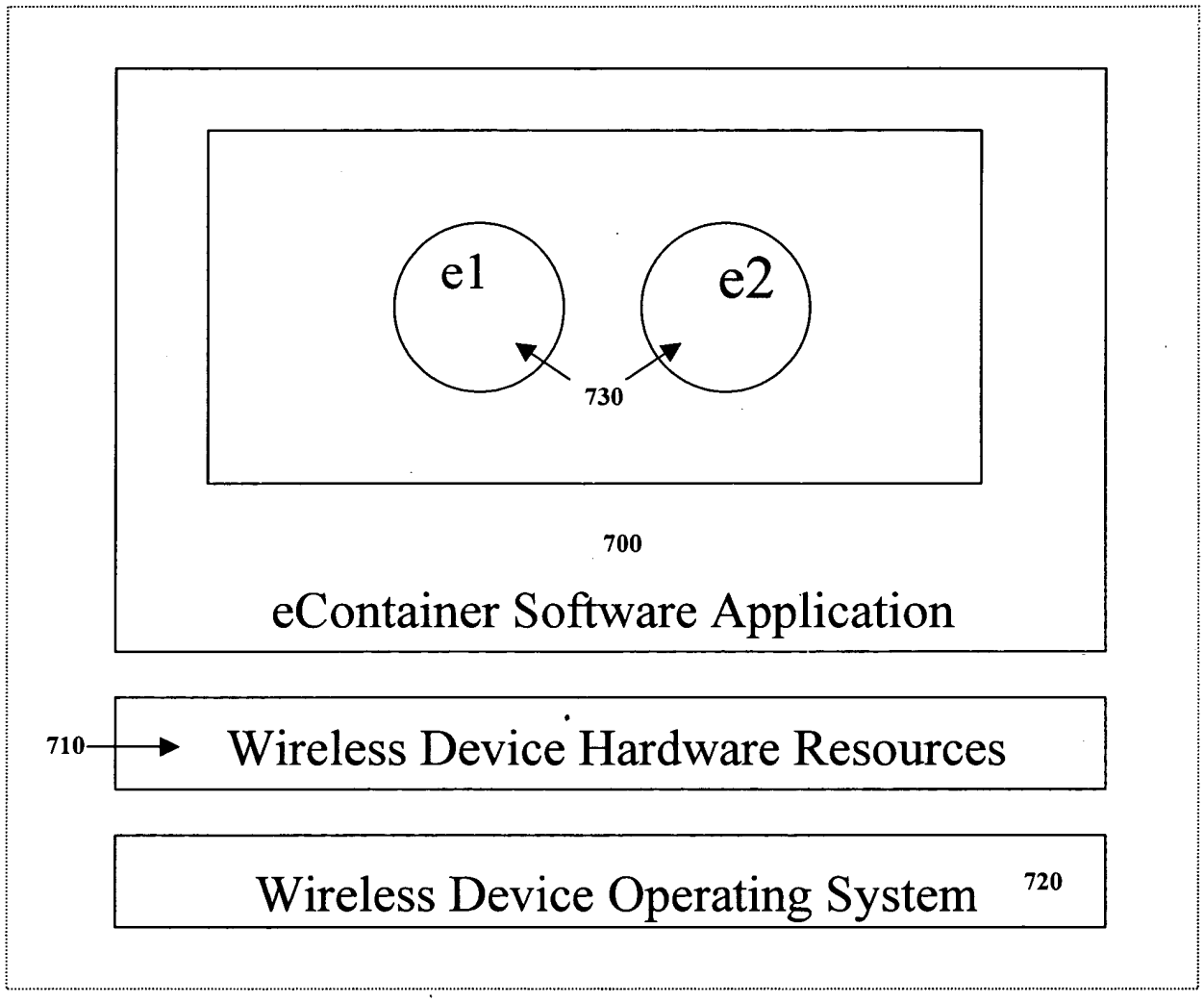

DATA
610
MEDIA OR LINK TO MEDIA (e.g., IMAGE)
ATTRIBUTE HASH
* NAME. VALUE PAIRS
DISPLAY TEMPLATE
STATUS FLAGS, IDs, etc.
DEVICE LOGIC
622
STATE MACHINE RULESET FOR INTERACTING WITH NATIVE DEVICES
FOR EXAMPLE,
OPEN-BLUETOOTH PORT,
SEND DATA PAYLOAD, etc.
MCS LOGIC
624
STATE MACHINE RULESET FOR INTERACTING WITH HOST MCS OBJECTS FOR TRANSACTION COMPLETION
FOR EXAMPLE,
ASSEMBLE-ORDER-REQUEST,
SUBMIT-ORDER,
AUTHENTICATE-DEVICE, etc.
TRANSACTION (BUSINESS) LOGIC
620

FIG. 6



Wireless/Portable Electronic Device

FIG. 7